# AVROBIO

Cowen and Company 40<sup>th</sup> Annual Health Care Conference

March 2, 2020

## Disclaimer

This presentation has been prepared by AVROBIO, Inc. ("AVROBIO") for informational purposes only and not for any other purpose. Certain information contained in this presentation and statements made orally during this presentation relate to or are based on studies, publications, surveys and other data obtained from thirdparty sources and AVROBIO's own internal estimates and research. While AVROBIO believes these third-party sources to be reliable as of the date of this presentation, it has not independently verified, and AVROBIO makes no representation as to the adequacy, fairness, accuracy or completeness of any information obtained from thirdparty sources. While AVROBIO believes its internal research is reliable, such research has not been verified by any independent source.

This presentation may contain forward-looking statements made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. These statements may be identified by words and phrases such as "aims," "anticipates," "believes," "could," "designed to," "estimates," "expects," "forecasts," "goal," "intends," "may," "plans," "possible," "potential," "seeks," "will," and variations of these words and phrases or similar expressions that are intended to identify forwardlooking statements. These forward-looking statements include, without limitation, statements regarding our business strategy, prospective products and goals, the therapeutic potential of our investigational gene therapies, the design, commencement, enrollment and timing of ongoing or planned clinical trials, clinical trial results, product approvals and regulatory pathways, potential regulatory approvals and the timing thereof, anticipated benefits of our gene therapy platform

including potential impact on our commercialization activities, the expected benefits and results of our implementation of the plato<sup>™</sup> platform in our clinical trials and gene therapy programs, the expected safety profile of our investigational gene therapies, timing and likelihood of success, plans and objectives of management for future operations, future results of anticipated products, the market opportunity for and anticipated commercial activities relating to our investigational gene therapies, and statements regarding the Company's financial and cash position and expected cash reserves. Any such statements in this presentation that are not statements of historical fact may be deemed to be forward-looking statements.

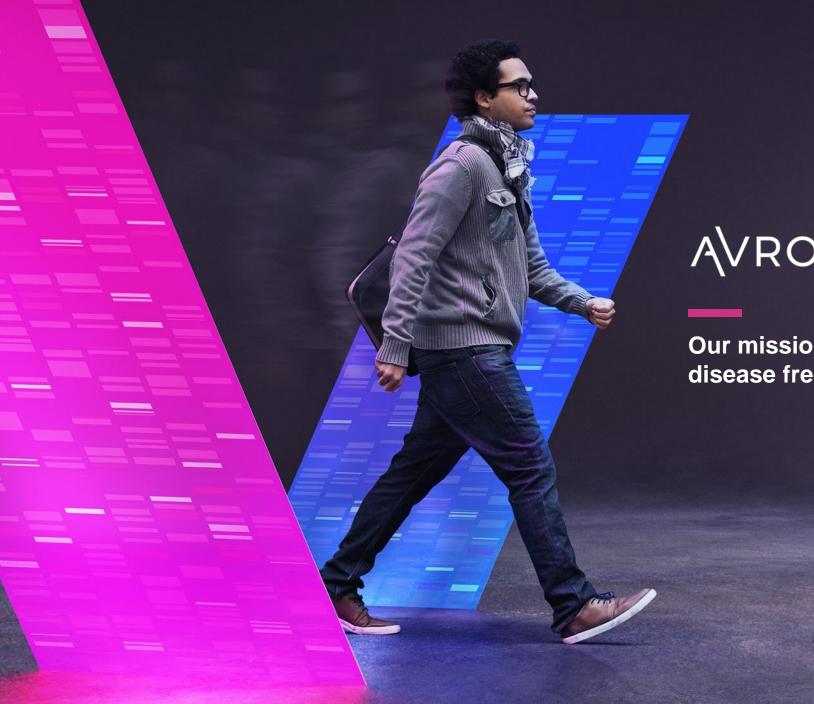
Any forward-looking statements in this presentation are based on AVROBIO's current expectations, estimates and projections about our industry as well as management's current beliefs and expectations of future events only as of today and are subject to a number of risks and uncertainties that could cause actual results to differ materially and adversely from those set forth in or implied by such forward-looking statements. These risks and uncertainties include, but are not limited to, the risk that any one or more of AVROBIO's investigational gene therapies will not be successfully developed or commercialized, the risk of cessation or delay of any ongoing or planned clinical trials of AVROBIO or our collaborators or of encountering challenges in the enrollment or dosing in such clinical trials, the risk that AVROBIO may not realize the intended benefits of our gene therapy platform, the risk that our investigational gene therapies or procedures in connection with the administration thereof will not have the safety or efficacy

profile that we anticipate, the risk that prior results, such as signals of safety, activity or durability of effect, observed from preclinical or clinical trials, will not be replicated or will not continue in ongoing or future studies or trials involving AVROBIO's investigational gene therapies, the risk that we will be unable to obtain and maintain regulatory approvals for our investigational gene therapies, the risk that the size and growth potential of the market for our investigational gene therapies will not materialize as expected, risks associated with our dependence on third-party suppliers and manufacturers, risks regarding the accuracy of our estimates of expenses and future revenue, risks relating to our capital requirements and needs for additional financing, and risks relating to our ability to obtain and maintain intellectual property protection for our investigational gene therapies. For a discussion of these and other risks and uncertainties, and other important factors, any of which could cause AVROBIO's actual results to differ from those contained in the forwardlooking statements, see the section entitled "Risk Factors" in AVROBIO's most recent Quarterly Report on Form 10-Q, as well as discussions of potential risks, uncertainties and other important factors in AVROBIO's subsequent filings with the Securities and Exchange Commission. AVROBIO explicitly disclaims any obligation to update any forward-looking statements except to the extent required by law.

Note regarding trademarks: plato is a trademark of AVROBIO. Other trademarks referenced in this presentation are the property of their respective owners.

AVROBIO (plate





# AVROBIO

Our mission: Giving people with genetic disease freedom for life

"Bone pain feels like gut-wrenching spikes.

If I breathe, it goes away. But you can't make a bone crisis go away." *GAUCHER* 

"We need to help people understand the 'invisible' **devastating pain** 

(2)

and fatigue caused by this disease."

FABRY

"My mom kind of explained: we have a tsunami in the back and a tornado in the front...when I'm 40 or 50 years old, Who knows how healthy I will be? I may not be strong, I may not be able to [do] my job." CYSTINOSIS

AVROBIO

# Building value across pipeline and platform



## 2019 Accomplishments

...entered 2019 with one program in clinic

#### 2020 Accomplishments & Anticipated Milestones

generating data across 3 clinical programs in 2020...

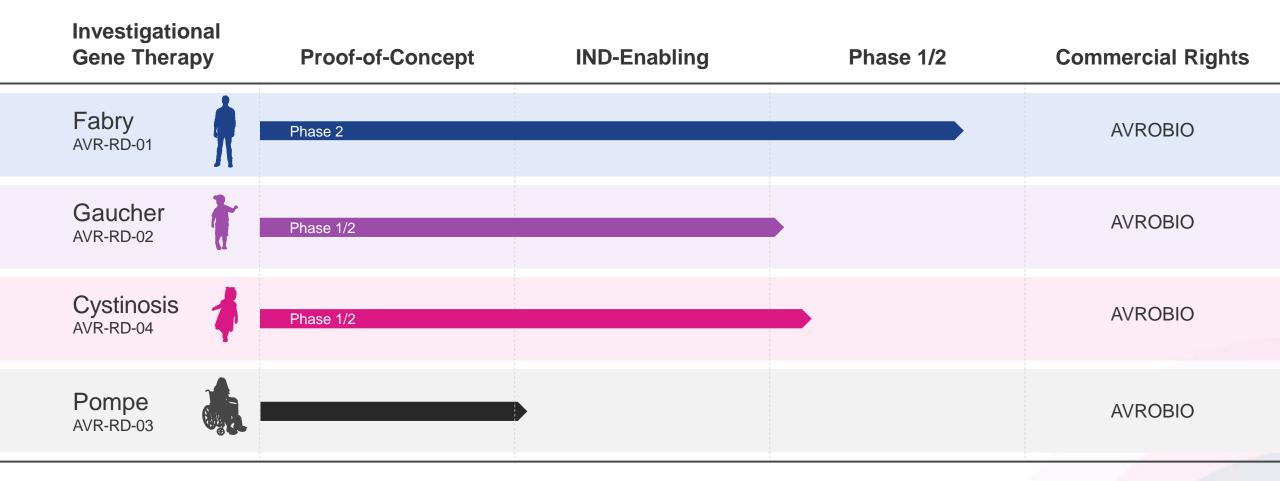
FABRY	<ul> <li>Reported additional data, including 87% substrate reduction in first kidney biopsy</li> <li>9 patients dosed to date</li> </ul>	<ul> <li>Additional patient data reported in February</li> <li>Continue to report data during the year</li> </ul>
GAUCHER	<ul> <li>Initiated patient recruitment</li> </ul>	<ul> <li>First patient consented in Q1 2020</li> <li>Report initial patient data in 2H 2020</li> </ul>
CYSTINOSIS	<ul> <li>First patient dosed</li> </ul>	<ul> <li>Initial patient data reported in February</li> <li>Continue to report data during the year</li> </ul>
POMPE	✓ Initiated pre-clinical IND-enabling study	Complete pre-clinical IND-enabling activities
AVROBIO	<ul> <li>✓ Expanded management team</li> <li>✓ Strengthened balance sheet with \$138 million follow-on offering</li> </ul>	<ul> <li>Strengthened balance sheet with \$100 million follow-on offering; 2+ years cash runway</li> <li>First AVROBIO "R&amp;D Day" to be held this year</li> </ul>
plat⊕™	<ul> <li>✓ Rolled out plato<sup>™</sup> platform</li> <li>✓ Dosed first patient under plato<sup>™</sup> platform</li> </ul>	<ul> <li>✓ Initial plato<sup>™</sup> data reported in February</li> <li>Manufacture on 3 continents</li> </ul>

POWERED B

AVROBIO (plate

# Multiple programs in the clinic

10 patients dosed; 3 programs actively recruiting







# Addressing multi-billion dollar market opportunity



#### **CURRENT STANDARD OF CARE COSTS**

Disease	Est. Cost Per Patient Per Year	Approx. 2018 Net Sales	Selected Companies
Fabry	\$320k	\$1.4B	SANOFI GENZYME 5
Gaucher	\$250k-400k	\$1.4B	SANOFI GENZYME Shire
Pompe	\$500k	\$1B	SANOFI GENZYME 🎝
Cystinosis	\$625k-700k*	\$0.2B	

Sources: Rombach S et al, Orphanet J Rare Dis, 2013; van Dussen L et al, Orphanet J Rare Dis, 2014; WAC pricing from Redbook; 2018 Net Sales from company annual and other reports

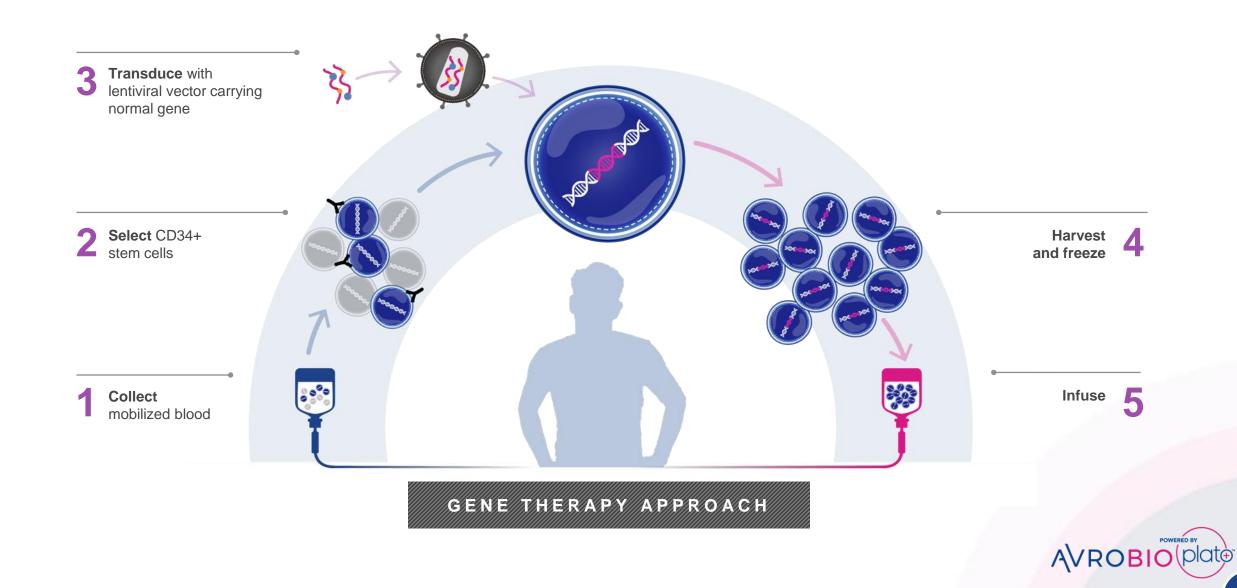
\* for Horizon's Procysbi oral therapy (delayed release cysteamine bitartrate)

Note: Shire acquired by Takeda in 2019



## Established ex vivo lentiviral approach







# + Fabry Disease AVR-RD-01

## Two AVR-RD-01 Fabry clinical trials



### 9 patients dosed across Phases 1 and 2

PHASE 1 Investigator-Sponsored Trial\*

#### **Patients**

n = 5 (fully enrolled) On ERT > 6 months prior to enrollment 18 - 50 year-old males

#### **Key Objective**

Safety and preliminary efficacy

PHASE 2 AVRO – FAB-201 Trial

#### **Patients**

n = 8-12 (4 patients dosed to-date) Treatment-naive 16 - 50 year-old males

**Key Objectives** 

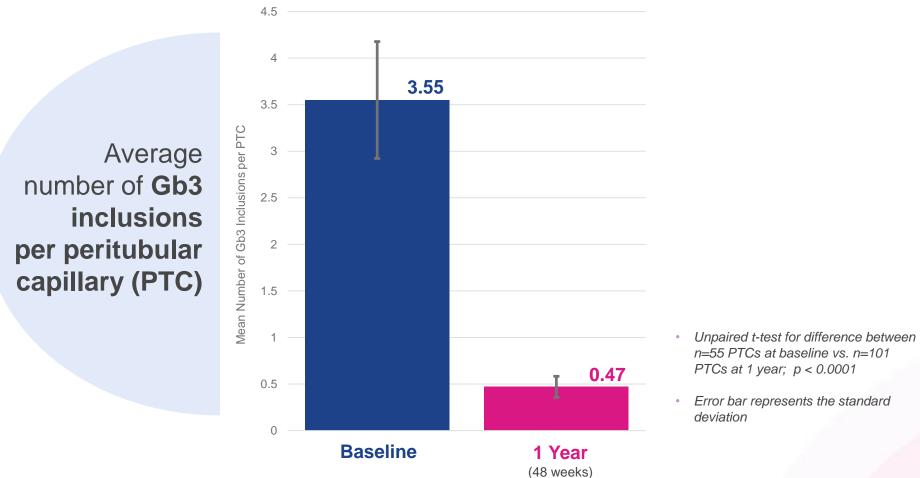
Safety and efficacy

AVROBIO plate

July 2019 data presented, unless otherwise specified \* Sponsored by FACTs team (Fabry Disease Clinical Research and Therapeutics) in Canada



# Patient 1: 87% substrate reduction in kidney biopsy at 1 year



Baseline: The last available, non-missing observation prior to AVR-RD-01 infusion

Note: With respect to Fabry disease, Gb3 inclusions per PTC is interchangeable with GL-3 inclusions per KIC

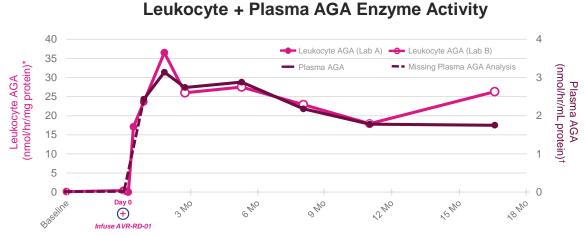
FAB-201-1: First patient in FAB-201 clinical trial

PTC: Peritubular Capillary; Gb3: Globotriaosylceramide; GL-3: Globotriaosylceramide; KIC: Kidney Interstitial Capillary

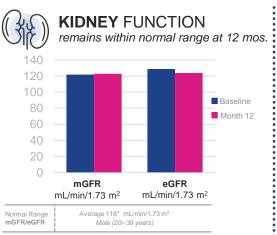
AVROBIO (plate

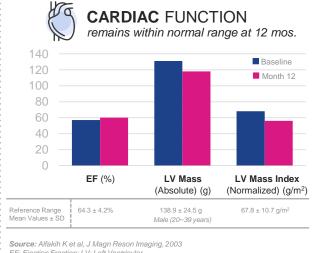
#### **FAB-201 FABRY PHASE 2**

# Patient 1: Multiple data trends sustained up to 18 months

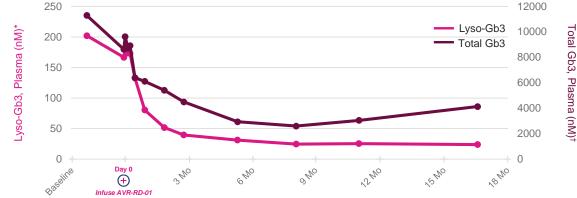


\*Lab A: Mayo Clinic Laboratories; Lab B: Rupar Laboratory; Lab A Reference Range: >23.1 nmol/hr/mg; Lab B Reference Range: 24-56 nmol/hr/mg <sup>†</sup>Reference Range: 5.1–9.2 nmol/hr/mL AGA: α-galactosidase A



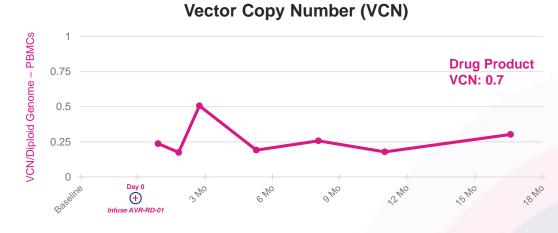


## Plasma Lyso-Gb3 and Total Gb3



\*Reference Value: 2.4 nM

<sup>†</sup>Reference Value: 4961 nM; 6012 nM before August 2018 (until Day 28 for Patient 1) Lyso-Gb3: Globotriaosylsphingosine; Gb3: Globotriaosylceramide



VCN: Vector Copy Number; PBMCs: Peripheral Blood Mononuclear Cells

\*Source: https://www.kidney.org/atoz/content/gfi

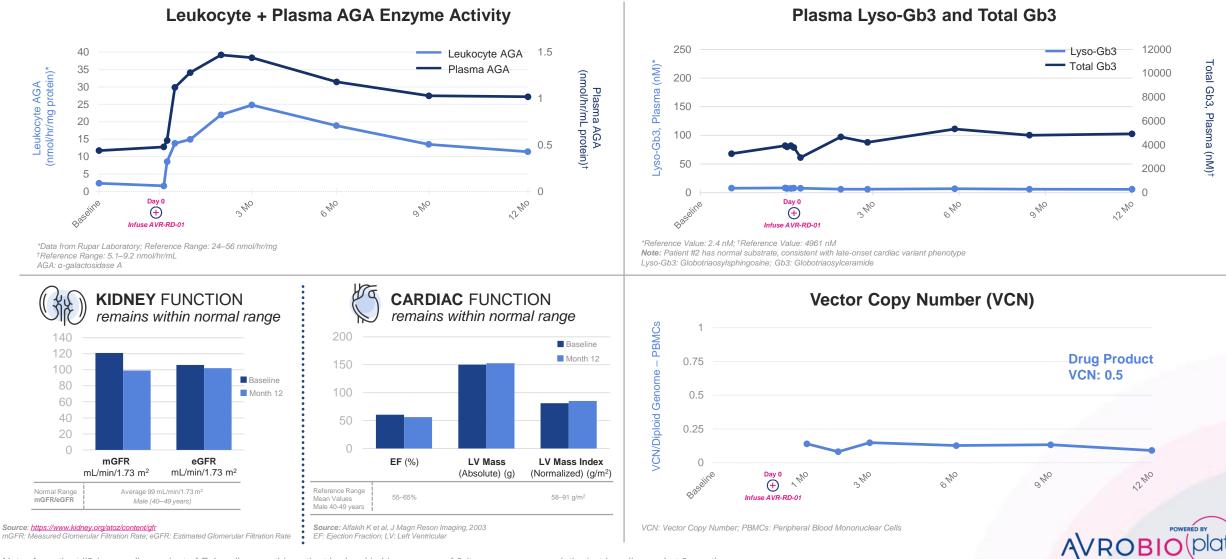
mGFR: Measured Glomerular Filtration Rate; eGFR: Estimated Glomerular Filtration Rate EF: Ejection Fraction; LV: Left Ventricular

Note: Patient #1 had a skin biopsy score of 3 (severe accumulation) at baseline, a score of 2 (moderate accumulation) at 6 months and a score of 1 (mild accumulation) at 12 months

**AVROBIO** 

#### FAB-201 FABRY PHASE 2 – Cardiac Variant

## Patient 2: Multiple data trends sustained up to 12 months

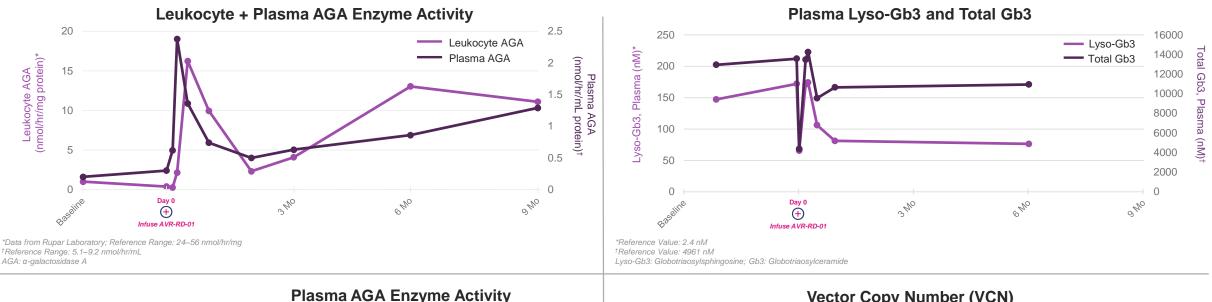


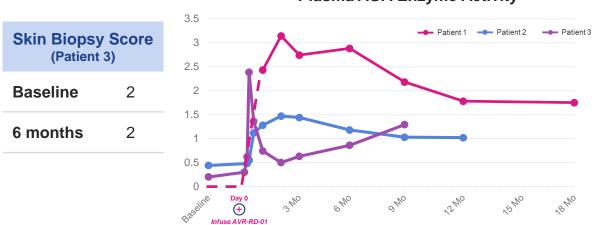
Note: As patient #2 is a cardiac variant of Fabry disease, this patient had a skin biopsy score of 0 (trace or no accumulation) at baseline and at 6 months

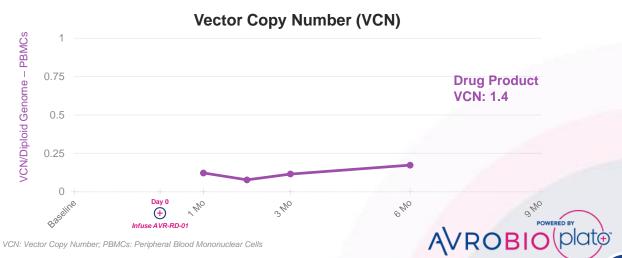
#### FAB-201 FABRY PHASE 2



# Patient 3: Initial divergent profile with 9 month data trending toward anticipated long-term engraftment







## Two AVR-RD-01 Fabry clinical trials

### 9 patients dosed across Phases 1 and 2



**PHASE 1** Investigator-Sponsored Trial\*

#### **Patients**

n = 5 (fully enrolled) On ERT > 6 months prior to enrollment 18 - 50 year-old males

#### **Key Objectives**

Safety and preliminary efficacy

PHASE 2 AVRO – FAB-201 Tria

#### **Patients**

n = 8-12 (4 patients dosed to-date) Treatment-naive 16 - 50 year-old males



#### **Key Objectives**

Safety and efficacy

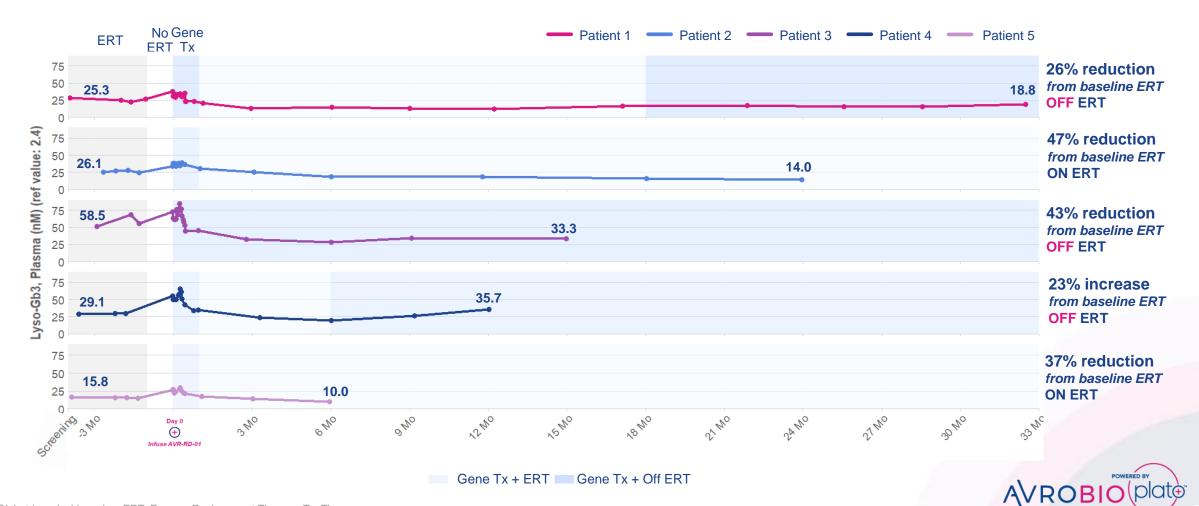


FAB-201 = AVRO-RD-01-201 Study \* Sponsored by FACTs team (Fabry Disease Clinical Research and Therapeutics) in Canada ERT: Enzyme Replacement Therapy



# Patients 1-5: Plasma lyso-Gb3 reduction sustained up to 32 months

## All patients who have discontinued ERT remain off ERT



#### **FABRY PHASE 1**

# (+)

# Patients 1-5: Leukocyte and plasma enzyme activity sustained up to 32 months

**Consistent trends across all patients**, **4 patients > 1 year** 



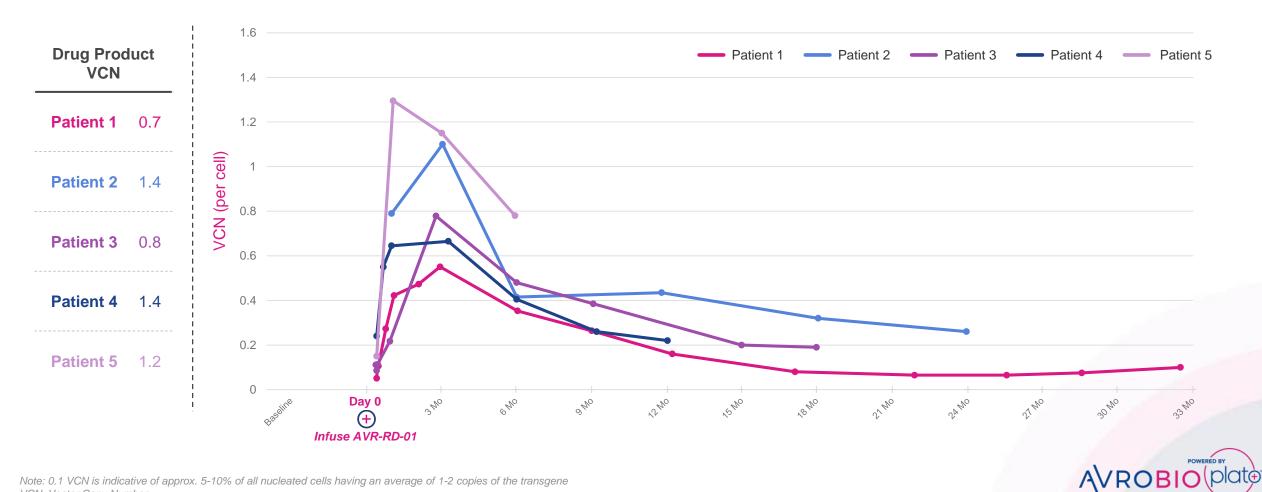
AGA: α-Galactosidase A

(plat⊕



## VCN stable at 32 months with consistent trend across all other patients

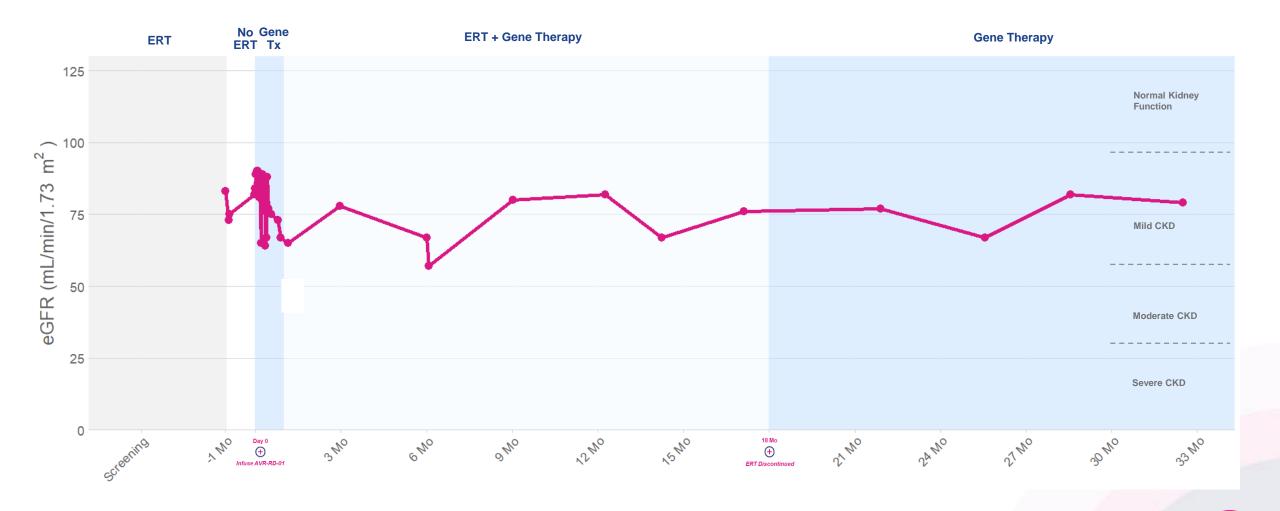
### 4 patients with 1+ years data



Note: 0.1 VCN is indicative of approx. 5-10% of all nucleated cells having an average of 1-2 copies of the transgene VCN: Vector Copy Number

## Patient 1: Kidney function stable at 32 months





eGFR: Estimated Glomerular Filtration Rate; ERT: Enzyme Replacement Therapy; TX: Therapy; CKD: Chronic Kidney Disease

POWERED BY

AVROBIO (plate)



Phase 1 Fabry (5 patients) and FAB-201 (4 patients)

## No unexpected safety events or trends identified

## **No SAEs related to AVR-RD-01 drug product**

## AEs and SAEs reported

#### Phase 1 AEs (n = 128):

 Generally consistent with myeloablative conditioning, underlying disease or pre-existing conditions

#### FAB 201 AEs (n = 98):

- Generally consistent with myeloablative conditioning, underlying disease or pre-existing conditions
  - Grade 1 or 2 (n = 72)
  - Grade 3 or 4 (n = 30)

## Anti-AGA antibodies

Pre-existing low titers detected in 4 patients

#### Phase 1SAEs (n = 2):

- Febrile neutropenia (grade 3)
- Thrombophlebitis (grade 2)

#### FAB 201 SAEs: (n = 4)

#### Pre-treatment and prior to conditioning

• Seizure (grade 2)

#### **Post-treatment**

- Dehydration, nausea, vomiting (grade 3)
- Febrile neutropenia (2 patients, grade 3 & 4)

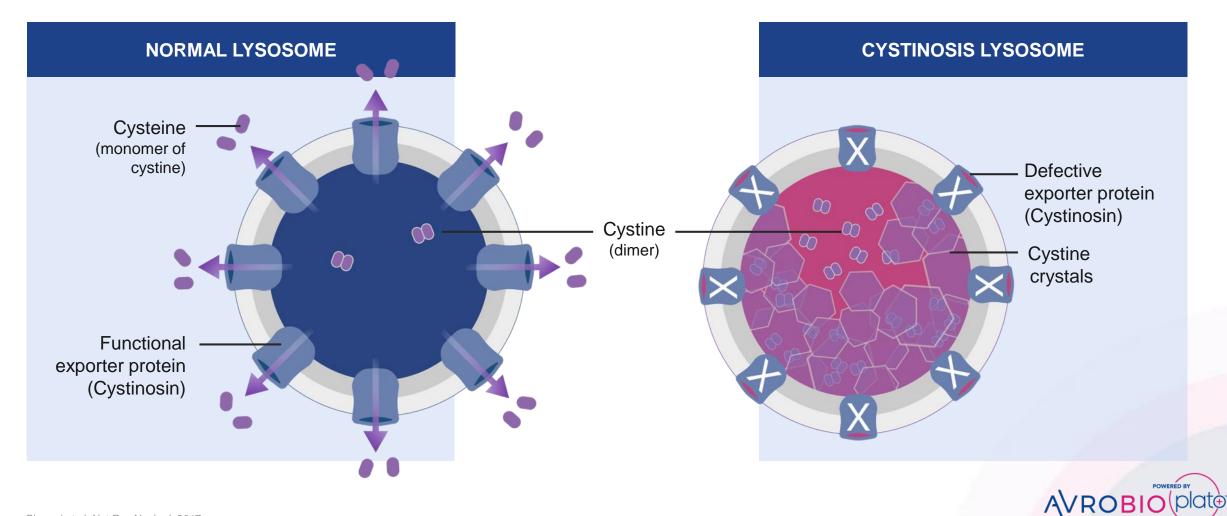




# Cystinosis AVR-RD-04

# Cystinosis caused by defective gene that encodes cystinosin, an exporter protein

Cystine crystals build up in lysosomes causing tissue and organ damage



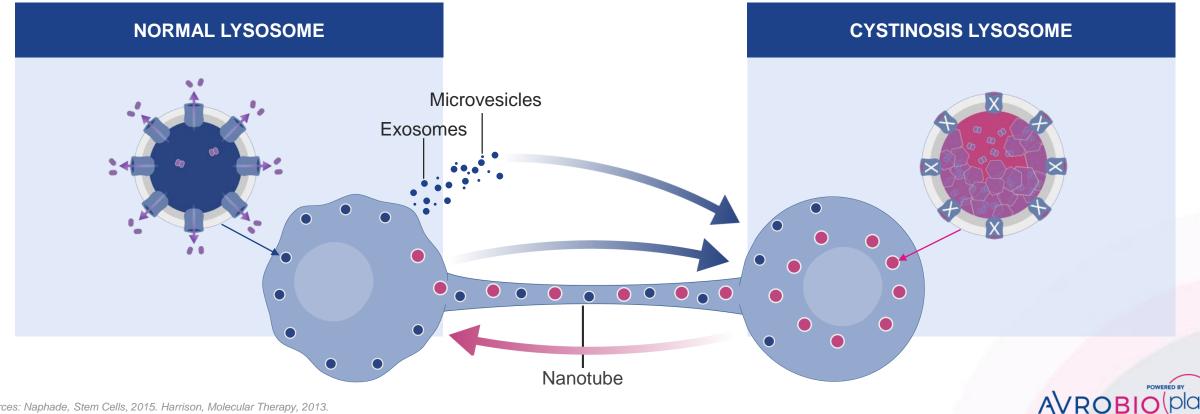
# Drug product-derived macrophages restore normal cystine recycling



## **Mechanisms** of action

Macrophages with CTNS transgene restore cystine recycling to CTNS<sup>-ve</sup> cells via:

- 1. Tunneling nanotubes transfer of corrected lysosomes, cystinosin, CTNS mRNA
- 2. Exosomes / Microvesicles transfer of cystinosin, CTNS mRNA
- Net result: Corrected lysosomes in cells throughout the body



Sources: Naphade, Stem Cells, 2015. Harrison, Molecular Therapy, 2013. CTNS: cystinosin, lysosomal cystine transporter; mRNA: Messenger Ribonucleic Acid

# Investigator-sponsored\* study of AVR-RD-04 in cystinosis patients

**First patient dosed** 



PHASE 1/2 Investigator-Sponsored Trial\*

#### **Patients**

Up to 6 patients Adults and adolescents Cohorts 1-2 ≥18 years; Cohort 3 ≥14 years Male and Female On oral and ophthalmic cysteamine



#### **Key Objectives**

Safety and efficacy





Phase 1/2 Cystinosis 1 patient dosed

No unexpected safety events or trends identified

## **No AEs or SAEs related to AVR-RD-04 drug product**

## No SAEs reported

### **AEs reported**

- Consistent with myeloablative conditioning and underlying disease
- N = 22 (moderate = 9, mild = 13)

**Pre-treatment and prior to conditioning** (n = 6, not all events listed)

- Diarrhea, hypokalemia, dizziness
- Dehydration, vomiting

**Post-treatment** (n = 16, not all events listed)

- Alopecia, intermittent diarrhea, vomiting
- Mucositis, intermittent febrile neutropenia, intermittent epistaxis
- Intermittent blurry vision, intermittent hypokalemia, mucoceles
- Thrombocytopenia

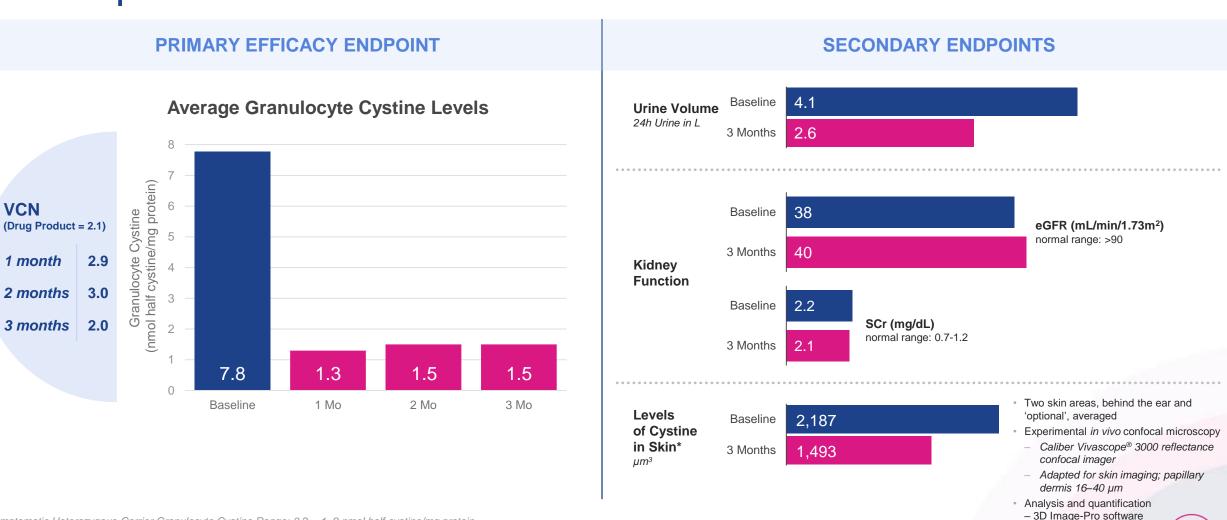


AVROBIO(p

#### Asymptomatic Heterozygous Carrier Granulocyte Cystine Range: 0.2 – 1 .9 nmol half cystine/mg protein Source: Gertsman I et al., Clinical Chemistry, 2016

VCN: Vector Copy Number; CTNS: Cystinosin, Lysosomal Cystine Transporter; mRNA: Messenger Ribonucleic Acid; eGFR: Estimated Glomerular Filtration Rate; SCr: Serum Creatinine \*Data obtained using a novel experimental methodology utilizing optical coherence tomography, to image crystals in the skin behind the ear

#### CYSTINOSIS PHASE 1/2



Patient 1: Initial data suggest positive trends across multiple measures



POWERED BY

/ROBIC

# Patient 1: Reduced treatment burden at 3 months



## **Number of Medications and Supplements**

(max per day)







# Gaucher Disease

AVR-RD-02



### **UNMET NEEDS:**



#### **Bone-related manifestations**

**Unmet needs:** bone pain, avascular necrosis, bone crisis, osteoporosis, fractures, joint destruction, skeletal abnormalities



### Hemoglobin levels and platelet counts

Unmet needs: anemia, thrombocytopenia, easy bruising, bleeding



## Hepatosplenomegaly

Unmet needs: enlarged liver, enlarged spleen



## **CNS** complications

Unmet needs: Increased risk of GBA-Parkinson's disease

### Everyday burden of illness, and life expectancy

Unmet needs: fatigue, pain, lung disease, biweekly infusions, shortened lifespan



Goals for gene

**Type 1 Disease** 

therapy in

Gaucher



# Long-term follow-up study highlights significant unmet need in Gaucher Type 1

Despite standard-of-care ERT, disease progression continues and unmet need remains.

# Incomplete therapeutic response is common:

- 60% of patients failed to achieve at least one of the six therapeutic goals evaluated after 4+ years of ERT<sup>1</sup>
- A clinically significant percentage of patients continue to exhibit bone pain, organomegaly and cytopenia after 10 years of ERT<sup>2</sup>
- 25% of patients continue to suffer from physical limitations after two years of ERT, primarily due to bone disease<sup>3</sup>

Persistence after 10 years ERT <sup>†</sup>	Non-splenectomized Patients	Splenectomized Patients			
Anemia	12.4%	8.8%			
Thrombocytopenia*	22.7%	0.7%			
Splenomegaly*	38.3%	N/A			
Hepatomegaly*	14.3%	18.8%			
Bone Pain	42.9%	62.5%			
Bone Crisis	7.4%	16.7%			

\* Higher persistence rates observed when more severe manifestations were present at baseline

<sup>†</sup> Persistence refers to the presence of anemia, bone pain, bone crisis, or at least moderate thrombocytopenia, splenomegaly, or hepatomegaly, present after 10 years of ERT among those with baseline involvement of these parameters (from a registry of 757 GD1 patients; Weinreb et al., 2013).

Following 10 years of treatment, ~26% of patients were receiving between 45-150 U/kg EOW, and 96% of these individuals were receiving doses between 45-90 U/kg EOW.

GD1: Gaucher Disease Type 1; SOC: Standard of Care; ERT: Enzyme Replacement Therapy; EOW: Every Other Week

AVROBI





# + Pompe disease AVR-RD-03

# Pompe preclinical program advancing

(+)

Integrated three-part approach

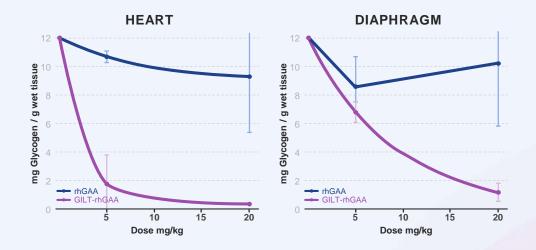
### THE CHALLENGE

- Pompe requires 20x more ERT than Fabry or Gaucher
- Requires GAA activity restored to muscle and CNS

**GILT-tagged** Recombinant Human (rh)GAA impacts levels of stored glycogen compared to non GILT-tagged Recombinant Human (rh)GAA in a Pompe mouse model

## **AVROBIO's APPROACH**

- 1. Potent transgene promoter
- 2. GILT uptake tag
- 3. plato<sup>™</sup> for CNS impact









# plato<sup>™</sup>

# AVROBIO's foundation designed to scale gene therapy worldwide

State-of-the-art technologies including automated manufacturing platform

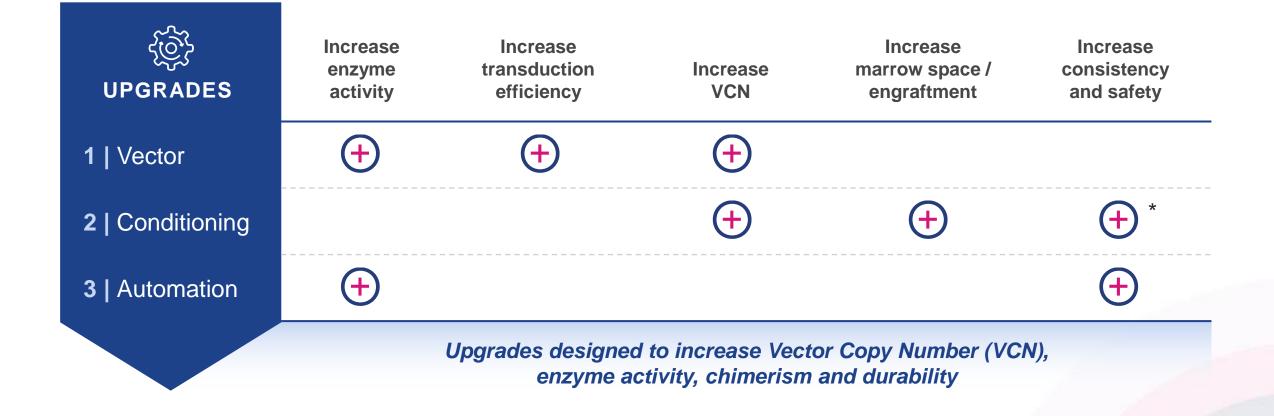
Optimized
 for performance

 Redefines manufacturing best practices





# plato<sup>™</sup>: Three upgrades designed to optimize potency, safety and durability

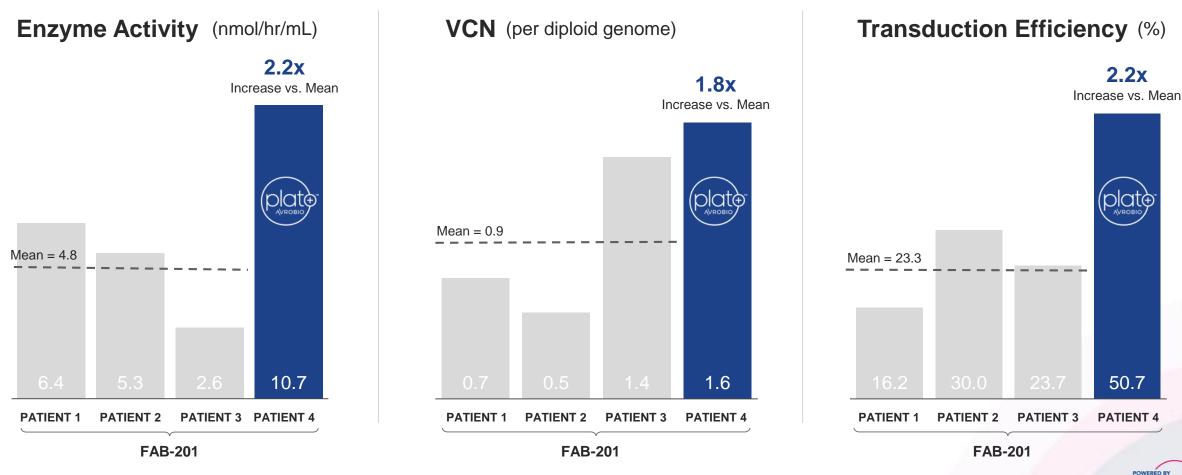


AVROBIO (plate



## **VECTOR UPGRADE:** Metrics compared to academic process

**FAB-201** patient #4 drug product data with plato<sup>™</sup>



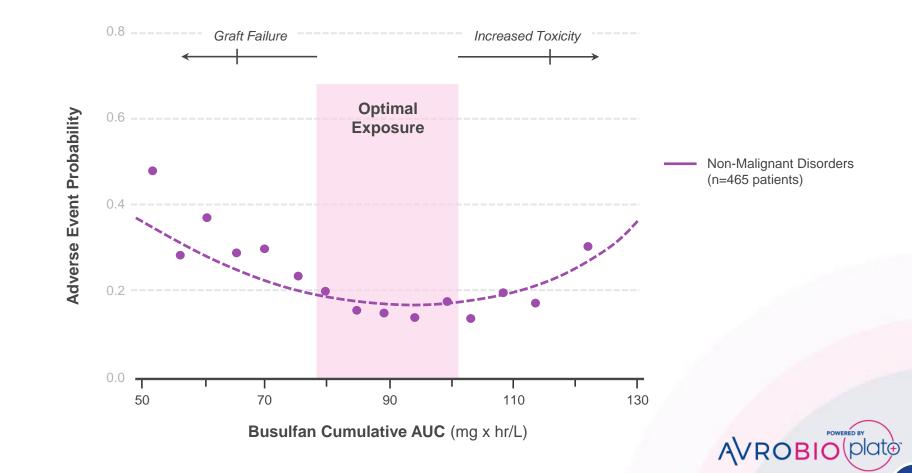
AVROBIO (plate)

## PRECISION CONDITIONING UPGRADE: Targeted busulfan intended to balance optimal engraftment with enhanced safety

Meta-analysis of 465 patients identified optimal exposure

Optimized precision dosing designed to enhance tolerability

Lowest rate of adverse events in the Bu90 range

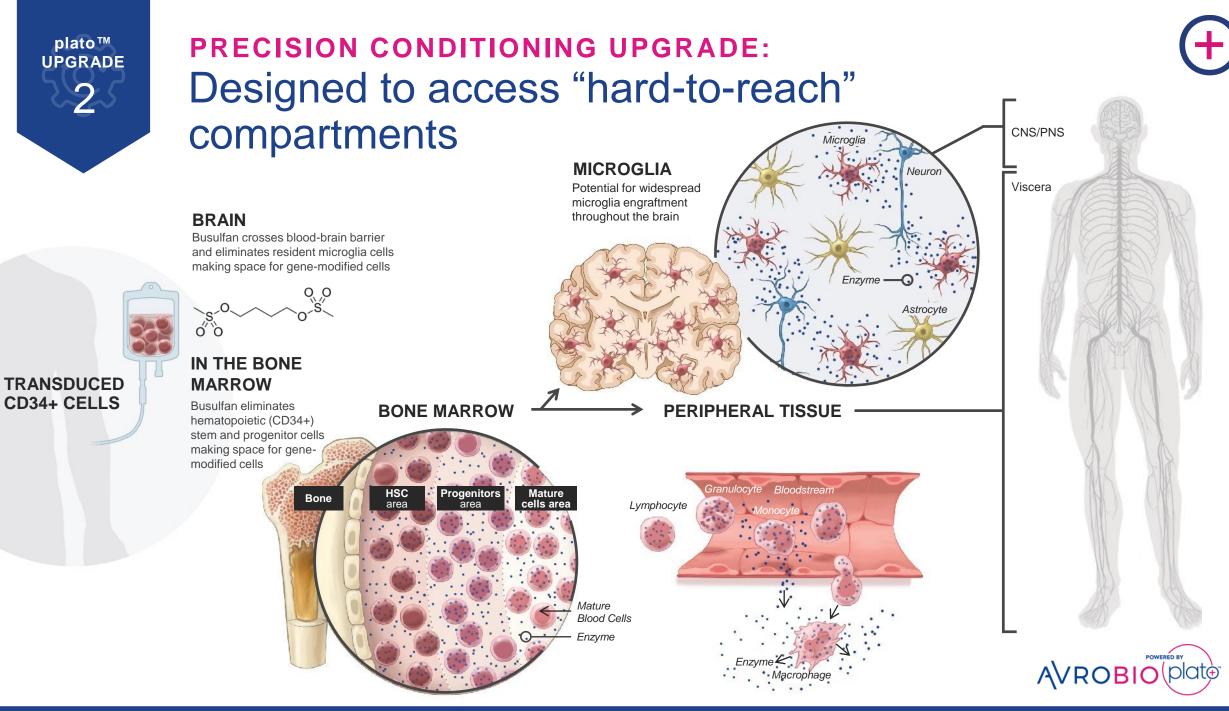


Bu: Busulfan; AUC: Area Under the Curve Sources: Bartelink IH et al, Lancet Haematol, 2016

plato™

**UPGRADE** 

2





## AUTOMATION UPGRADE:



Automated, scalable manufacturing system

Designed to elevate quality and overcome historic CMC bottlenecks



## Expanded Scale

Potential to reach thousands of patients per year



### Broader Reach

Portable platform designed for flexible global production using low grade clean rooms



High Quality

Automated, closed system designed to improve quality and consistency



## Enhanced Convenience

Cryopreservation simplifies logistics and patient scheduling



### Lower Costs

Designed to create efficiencies in vector design / scalable cell and vector production

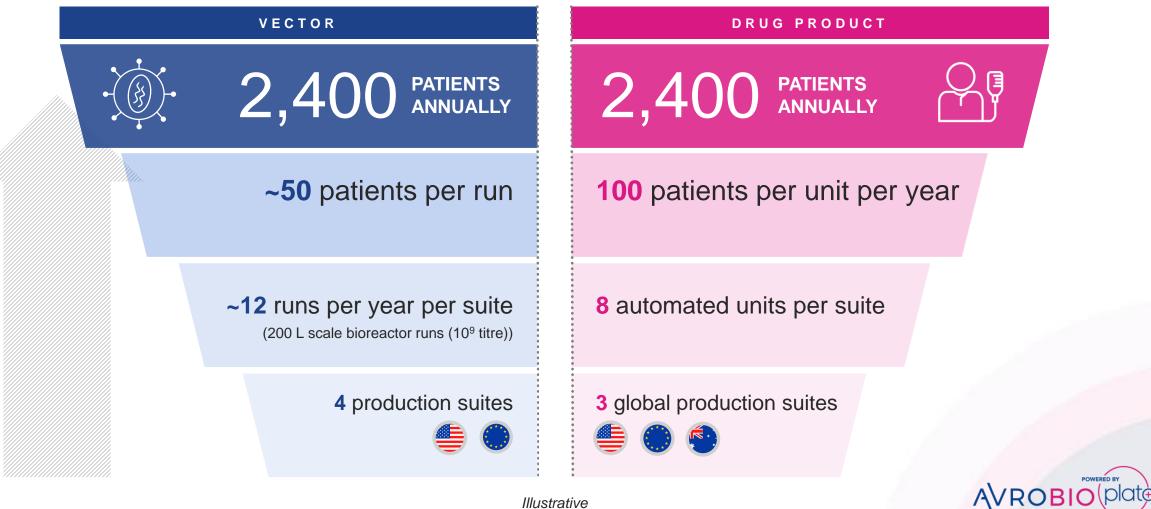




## **AUTOMATION UPGRADE:** Poised to manufacture at scale



Designed to optimize potency and safety, and overcome historic CMC bottlenecks



Illustrative

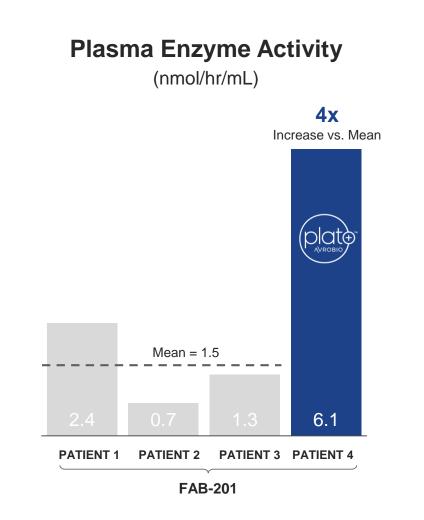


## **3 UPGRADES IN PLACE:**



plato<sup>™</sup> metric compared to academic process

FAB-201 ONE MONTH data for patient #4 with plato<sup>™</sup> vs. patients #1-3

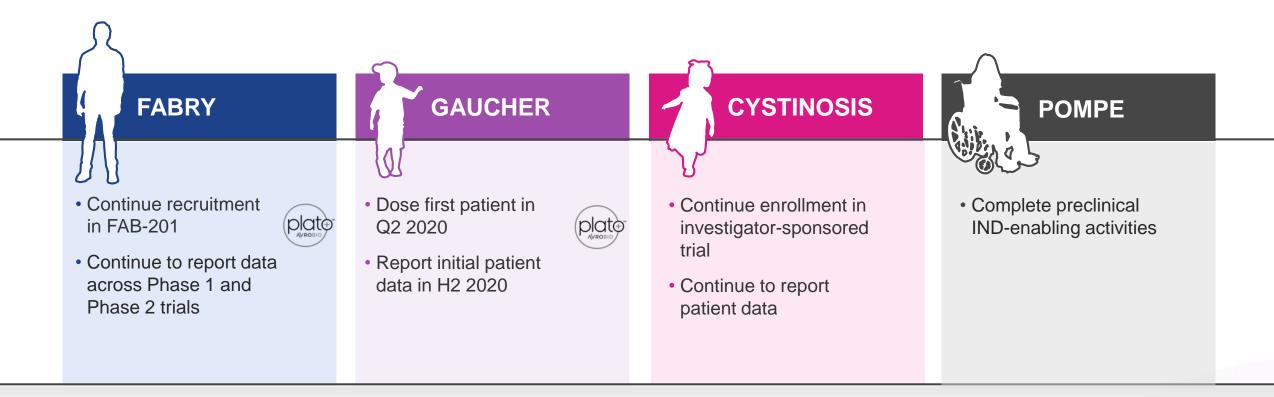




POWERED BY

AVROBIO (plate)

# Milestones anticipated across the pipeline in 2020



### **AVROBIO to hold first R&D Day in 2020**





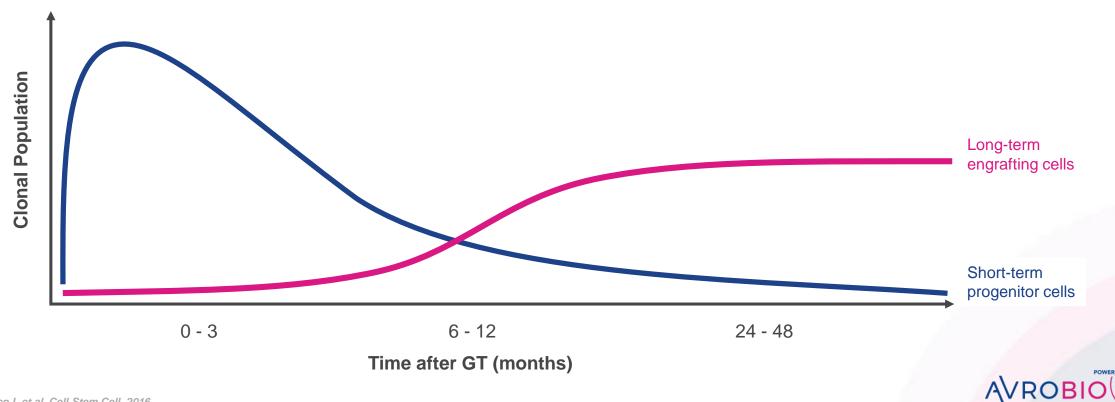


# Appendix

# Hematopoietic reconstitution occurs in two distinct phases igoplus

A few thousand long-term engrafting cells stably sustain levels of transgene product

First wave of short-term progenitor cells start to exhaust with progressive takeover by a smaller population of long-term engrafting cells



# Precedent for use of kidney biopsy data for FDA approval of drug candidate for Fabry disease

Migalastat approved on % reduction in GL-3 inclusions per KIC as compared to placebo



#### 45 Amenable patients\* (16 males / 29 females)

Group	Migalastat (BL –M6)	Placebo (BL –M6)			
Males (N=16)	5/7 (71%) -1.10 (-1.94, -0.02)	4/9 (44%) -0.03 (-1.00, 1.69)			
Patients with baseline GL-3 ≥ 0.3 (N=17; 9 males, 8 females)	7/9 (78%) -0.91 (-1.94, 0.19)	2/8 (25%) -0.02 (-1.00, 1.69)			
Patients with baseline GL-3 < 0.3 (N=28; 7 males, 21 females)	6/16 (38%) -0.02 (-0.10, 0.26)	7/12 (58%) -0.05 (-0.16, 0.14)			

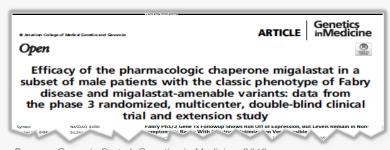
Treatment Group	n	Baseline Median (min, max)	Month 6 Median (min, max)	Change from Baseline Median (min, max)				
Average number of GL-3 inclusions per KIC (N=13)								
Galafold	7	3.6 (0.2, 6.0)	2.6 (0.1, 6.0)	-0.7 (-1.7, 1.2)				
Placebo	6	1.8 (0.1, 2.8)	2.0 (0.05, 4.3)	-0.04 (-0.5, 1.5)				

#### 7/9 males $\geq$ 50% reduction

(at 6 months from baseline)

#### 28% average reduction

(at 6 months from baseline)



Source: Germain D et al. Genetics in Medicine. 2019

#### **Classic Fabry patient level data**

0-6 months randomized clinical trial and 6-12 months open label extension

					Male	Patient	ne Classic Phenotype							
	Migalastat (Months 0-24)							Placebo (Months 0-6) $\rightarrow$ Migalastat (Months 6-24)						
	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
PTC GL-3 inclusions at BL	0.16	0.03	n/a	5.69	1.22	n/a	2.88	2.41	1.55	0.16	0.03	0.11	0.94	0.88
Change in PTC GL-3 inclusions from BL to M6	-0.08	0.01	n/a	-1.77	-1.10	n/a	-1.25	1.21	-0.21	0.01	0.09	-0.07	1.94	-0.83
Change in PTC GL-3 inclusions from BL/M6 <sup>b</sup> to M12	-0.12	n/a	n/a	-1.92	n/a	n/a	-0.81	-0.94	-1.13	-0.09	-0.05	n/a	-2.28	0.06

#### 46% average reduction

(average of patients with 12 month data)

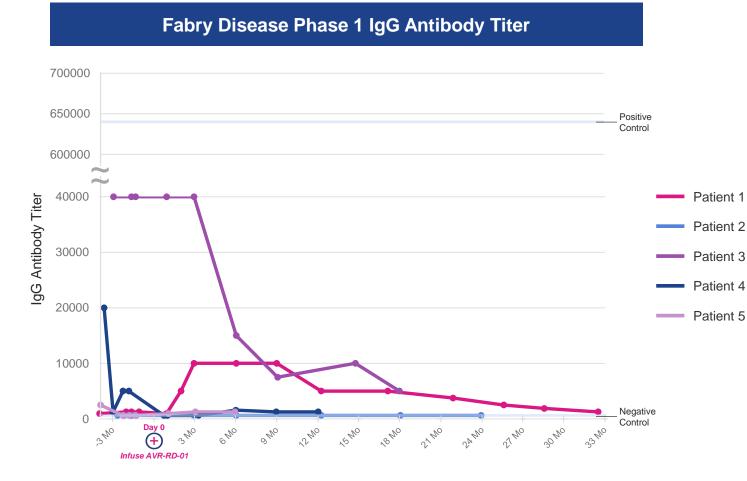


Classic Fabry disease (AGA activity <1%)

NOTE: For informational purposes: differences exist between trial designs and subject populations; AVROBIO has not conducted any head-to-head trials comparing migalastat to AVR-RD-01

# Reduction of pre-existing anti-ERT drug IgG antibodies following AVR-RD-01

Suggests potential as a therapeutic option independent of pre-existing antibodies



ERT: Enzyme Replacement Therapy; IgG: Immunoglobulin G; MPS-1: Mucopolysaccharidosis Type 1; IDUA: Iduronidase: SR-TIGET: San Raffaele Telethon Institute for Gene Therapy; LV: Lentiviral; rhIDUA: Recombinant Human alpha-L-Iduronidase

# Similar Results Observed in Other Studies

San Raffaele Telethon Institute for Gene Therapy (SR-TIGET)

## Change in pre-existing antibodies reported for Hurler disease (MPS-1)

- Ex vivo LV-CD34+ gene therapy with conditioning
- N = 6
- Evaluable patients (5/6) demonstrated sustained, supraphysiologic blood IDUA activity
- 4/5 prior ERT (rhIDUA) exposure (5-28 months)
- 4/5 pre-existing ERT-induced IgG antibodies
- 6/6 anti-rhIDUA IgGs undetectable 2 months post gene therapy

Source: Gentner B et al., Blood, 2019

